

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 12297 (1988): Delivery Roller Boss for Jute Drawing Frame [TXD 14: Machinery for Fabric Manufacture]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

SPECIFICATION FOR
DELIVERY ROLLER BOSS FOR JUTE DRAWING FRAME

1. Scope — This standard prescribes the requirements for delivery roller boss for use in jute drawing frames.

2. Manufacture

2.1 Material — Delivery roller boss shall be manufactured from mild steel [see IS : 226-1975 'Specification for structural steel (standard quality) (fifth revision)'].

2.2 Heat Treatment — It shall be case hardened and minimum hardness shall be within 58 to 62 HRC when determined by the method prescribed in IS : 1586-1968 'Methods for Rockwell hardness test (B and C scales) for steel (first revision)'.

3. Dimensional Requirements

3.1 Nominal — The nominal dimensions of delivery roller boss shall be as agreed to between the manufacturer and the purchaser. In the absence of any agreement, these shall be as declared by the manufacturer.

3.2 Tolerances — The nominal dimensions shall be subject to the following tolerances (see Fig. 1):

Dimension	Tolerance, mm
A	± 0.75
Dia D_1	± 0.13
Dia D_2	± 0.13
Keyway width	$+ 0.100$ $- 0.000$

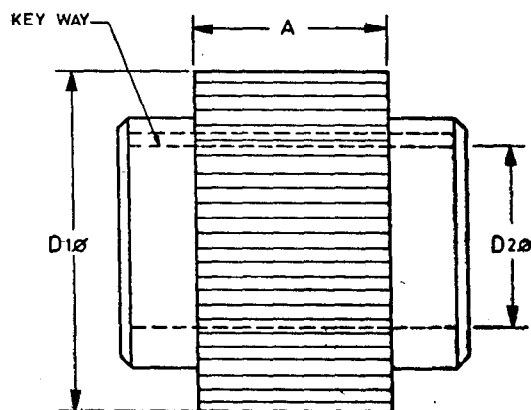


FIG. 1 DELIVERY ROLLER BOSS FOR JUTE DRAWING FRAME

4. Marking — Unless otherwise agreed to between the purchaser and the manufacturer, each delivery roller boss shall be legibly marked with manufacturer's name or trade mark.

4.1 Standard Mark — Details available with the Bureau of Indian Standards.

5. Sampling and Criteria for Conformity — Unless otherwise agreed to between the purchaser and the manufacturer, to ascertain the conformity of delivery roller boss to the requirements of this specification, single sampling plan with Inspection Level I and Acceptance Quality Level (AQL)

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

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of 1.5 percent as given in Tables 1 and 2 of IS : 2500 (Part 1)-1973 'Sampling inspection tables: Part 1 Inspection by attributes and by count of defects (*first revision*)', shall be followed.

6. Packing — Delivery roller boss shall be packed in such a way so as to ensure complete protection from rust.

EXPLANATORY NOTE

This standard has been formulated with a view to provide guidance to the manufacturers and users of delivery roller boss for jute drawing frame. It is hoped, it would ensure manufacture of delivery roller boss of acceptable quality leading to improved functioning of the drawing frames.